







Human Health Syndromes

associated with phytoplankton

Name of Syndrome	Species and Toxin	Symptoms
Amnesic Shellfish Poisoning (ASP)	<i>Pseudo-nitzschia</i> Domoic acid 	Short term memory loss
Ciguatera Fish Poisoning (CFP)	 <i>Gambierdiscus toxicus</i> Ciguatoxin & Maitotoxin	Temperature Sensation Reversal
Diarrhetic Shellfish Poisoning (DSP)	 <i>Dinophysis</i> Okadaic acid  <i>Prorocentrum lima</i>	Diarrhea Nausea Vomiting
Neurotoxic Shellfish Poisoning (NSP)	 <i>Karenia brevis</i> Brevetoxin	Respiratory problems
Paralytic Shellfish Poisoning (PSP)	<i>Alexandrium</i> Saxitoxin 	Loss of motor control